



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Schroeder et al.

Examiner: Name: Regina Liang

Serial No.: 10/687,431

Group Art Unit: 2629

Filed: October 16, 2003

Attorney Docket No.: 10030185-1

Confirmation No.: 8035

Title: Tracking Motion Using an Interference Pattern

**PRELIMINARY AMENDMENT AND RESPONSE ACCOMPANYING  
REQUEST FOR CONTINUED EXAMINATION SUBMITTED  
HEREWITH**

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

In response to the Final Office Action mailed October 17, 2006, and in conjunction with the Request for Continuing Examination submitted herewith, Applicants respectfully request entry of the amendments set forth herein, and allowance of the above-identified patent application as amended herein:

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DATE OF DEPOSIT: December 17, 2006

**CERTIFICATE OF FIRST CLASS MAIL DEPOSIT:** I hereby certify that all paper(s) described herein are being deposited with the United States Postal Service and have sufficient postage for First Class Mail in conformance with 37 CFR 1.8 on the date indicated above and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: Thomas F. Woods

Printed Name: Thomas F. Woods, Reg. No. 36,726